Contents of Volume 10

No. 1, July 1990

Changes in cytoskeletal proteins in response to parathyroid hormone and 1,25-dihydroxyvitamin D in human osteoblastic cells
A. Lomri and P.J. Marie (France) 1

Consequences of the remodelling process for vertebral trabecular bone structure: a scanning electron microscopy study (uncoupling of unloaded structures)
L. Mosekilde (Denmark) 13

Expression of the cell proliferation-associated nuclear antigen reactive with the Ki-67 monoclonal antibody by cells of the skeletal system in humans and other species
S.S. Apte (England) 37

Effect of dietary cadmium and/or copper on the bone lysyl oxidase in copper-deficient rats relative to the metabolism of copper in the bone
H. Iguchi, R. Kasai, H. Okumura, T. Yamamuro and H.M. Kagan (Japan & USA) 51

Initial responses of a clonal osteoblast-like cell line, MOB 3-4, to phosphatidic acid in vitro
T. Kawase and A. Suzuki (Japan) 61

Intervertebral disk mineralization in progressive ankylosis mice
H.W. Sampson and J.P. Trzeciakowski (USA) 71

Selected Bibliography 79

Calendar of Forthcoming Events 83

No. 2, August 1990

Biology of bone endothelial cells (Review)
E.A. Streeten and M.L. Brandi (USA & Italy) 85

The occurrence of neuropeptides at different stages of DBM-induced heterotopic bone formation
A. Bjurholm, A. Kreicbergs, L. Dahlberg and M. Schultzberg (Sweden) 95

Histochemistry and biochemistry of tartrate-resistant acid phosphatase (TRAP) and tartrate-resistant acid adenosine triphosphatase (TrATPase) in bone, bone marrow and spleen: implications for osteoclast ontogeny
A. Lindunger, C.A. MacKay, B. Ek-Rylander, G. Andersson and S.C. Marks, Jr. (Sweden & USA) 109

Cell proliferation within the growth plate of long bones assessed by bromodeoxyuridine uptake and its relationship to glucose 6-phosphate dehydrogenase activity
C. Farquharson and N. Loveridge (Scotland) 121

Plasma osteocalcin concentrations in cattle under various pathophysiological conditions
M.-J. Davicco, V. Coxam, R. Roux and J.-P. Barlet (France) 131

The relationship of 1,25-dihydroxyvitamin D and radial bone mass
M.F.R. Sowers, R.B. Wallace and B.W. Hollis (USA) 139

Calcitonin in Ghanaians and Israelis
M.N. Lowenthal, M.A. Ampofo, R. Sheinkin-Kestenbaum and S. Shany (Israel & Ghana) 149
Letter to the Editor 153
Selected Bibliography 155
Calendar of Forthcoming Events 159

No. 3, September 1990

Hypocalcemia in cancer (Review)
E.C. Abramson, H. Gajardo and S.C. Kukreja (USA) 161

Collagen synthesis and mineralization in the early phase of distraction bone healing
M. Vauhkonen, J. Peltonen, E. Karaharju, K. Aalto and I. Alitalo (Finland) 171

Histomorphometry of iliac crest bone in 346 normal black and white South African adults
C.M. Schnitzler, J.M. Pettifor, J.M. Mesquita, M.D.T. Bird, E. Schnaid and A.E. Smyth (South Africa) 183

Decreased concentration of 1,25-dihydroxyvitamin D_3 receptors in peripheral mononuclear cells of patients with X-linked hypophosphatemic rickets: effect of phosphate supplementation
S. Nakajima, K. Yamaoka, T. Yamamoto, S. Okada, H. Tanaka and Y. Seino (Japan) 201

Bone mineral content of Gambian and British children aged 0–36 months
A. Prentice, M.A. Laskey, J. Shaw, T.J. Cole and D.R. Fraser (England & The Gambia) 211

Stimulation of bone resorption and cell proliferation in vitro by human gingival fibroblasts from patients with periodontal disease
U.H. Lerner, L. Hänström and S. Sjöström (Sweden) 225

Bone mineral mass associated with postmenopausal vertebral deformities
J.E. Harrison, N. Patt, C. Müller, T.A. Bayley, F.H. Budden, R.G. Josse, T.M. Murray, W.C. Sturtridge, A. Strauss and S. Goodwin (Canada) 243
Selected Bibliography 253
Calendar of Forthcoming Events 255
Contents of Volume 10 257
Author Index 259
Subject Index 261

Special Abstract Supplements

Abstracts of the 5th Sydney Bone Symposium, Sydney, 23–25 April 1990 263
Abstracts of the 1st Annual Scientific Meeting of the Australian and New Zealand Bone and Mineral Society, Perth, 26–27 September 1990 309